



APR 26 2004

PTO/SB/21 (08-00)

Approved for use through 10/31/2002

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	09/892,649
		Filing Date	June 28, 2001
		First Named Inventor	Nemazie
		Group Art Unit	2111
		Examiner Name	R.N. Phan
Total Number of Pages in This Submission	14	Attorney Docket Number	15548US01

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment and Response to Restriction Requirement under 35 USC 1.21 <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> PTO 1449/08A with references <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) (sheets) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return-receipt post card
Remarks		RECEIVED APR 29 2004 Technology Center 2100

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual Name	McAndrews Held & Malloy, Ltd.		
Name (Print/type)	John A. Wiberg	Registration No. (Attorney/Agent)	44,401
Signature			Date: April 23, 2004

EXPRESS MAIL DEPOSIT"Express Mail" mailing label number : EL 848969419 US
Date of Deposit April 23, 2004.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Attorney Docket No. 15548US01)

In the Application of:

S. Nemazie et al.

Serial No.: 09/892,649

Filed: June 28, 2001

For: MIXED-SIGNAL SINGLE-CHIP
INTEGRATED SYSTEM
ELECTRONICS FOR DATA
STORAGE DEVICES

Examiner: R.N. Phan

Group Art Unit: 2111

) Conf. No.: 2024

) Customer No.: 23,446

) **EXPRESS MAIL**

) Label No.: **EL 848969419 US**

) Date: April 23, 2004

) By: 

) John A. Wiberg
Reg. No. 44,401

AMENDMENT AND
RESPONSE TO RESTRICTION REQUIREMENT

MS: Non-fee Amendment
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

RECEIVED

APR 29 2004

Technology Center 2100

Sir:

This paper responds to the Office Action mailed March 23, 2004.

In response to the restriction requirement, Applicants hereby elect group I, claims 1-45.

Claims 46 and 47 are cancelled herewith as shown in the amended claims that follow.

Amendments to the claims are reflected in the listing of claims which begin on page 2.

Remarks begin on page 13.